



MADE FOR PROFESSIONALS

**GUN CLEANING AND MAINTENANCE SOLUTIONS**



[www.uzunkaya.com.tr](http://www.uzunkaya.com.tr)

# About Us

Uzunkaya Savunma has been carrying out the design, production, and supply of;

1. Gun Case, cover and equipment,
2. Ammunition boxes,
3. Magazines,
4. Slings,
5. Cleaning and maintenance kits,
6. Spare parts,
7. Tools

since 2011.

Together with the related institutions and organizations, we carry out R&D and P&D activities to develop the materials belonging to the defense systems that will be freshly manufactured and imported from abroad and to provide talent to the domestic industry.

We also contributed to the design and prototyping of MPT-76, MPT-55, BORA-12 (JNG-90), KSR, KGL, KMG, KCR556, KMR762, MFR-56, OVİS 308, AK-40 GL cleaning and repair kits. The organization of our business was restructured to carry out these operations and the machinery, equipment, etc. were needed. An average of 40,000-50,000 cleaning kits a year have been produced by the workforce. The brand we manufacture; Tomyris, is mainly focused on consistency and reliability. For this purpose, the requisite training has been given to ensure that staff attain the appropriate qualifications.

The Total Quality Management (TQM) philosophy is implemented by our company, which always seeks to ensure the satisfaction of our customers beyond their expectations, which has embraced the concept of complying with the rules of professional ethics and producing value according to these rules.

Within the framework of the activities, we carry out, our company, which has the ISO 9001: 2008 Quality System Certificate, desires to be your solution partner and add value to you.



## WARNING!

1. Until cleaning and servicing, the protection of the gun must be considered.
2. Oil to be used in the cleaning of weapons; special gun oil to be developed for guns. This oil is intended for gun lubrication, safety and cleaning and must comply with NATO codes S-758 and MIL-L-63460, respectively.
3. In barrel cleaning, from the reservoir side, the rod and cleaning brush must be inserted into the barrel. Otherwise, the barrel and its groove and sets can be affected.
4. Never use the fluids you use in other parts for cleaning the barrel. These types of liquids will stay in the joints and later cause corrosion.
5. Do not use any products or oils other than those used in or recommended by the weapons manufacturers' cleaning and maintenance kit.
6. The more cleaning is performed regularly and deliberately, the less oxidation there would be. An adequate quantity of acceptable oil should be lubricated with protective oil after proper cleaning.

**Note:** In order to obtain the desired efficiency from the weapons, each weapon user must have a weapon cleaning and maintenance kit of their own.

## WHY IS GUN MAINTENANCE AND CLEANING IMPORTANT?

Experts typically claim that after firing, you need to clean your gun within 24 hours. The explanation for this is that residual particles of gunpowder and metal or plastic produced after each fire remain in the barrel and the chamber. To remove these particles, cleaning and maintenance of the gun must be performed.

In the most important cases, even due to negligence, the seizing of the gun is the loss of control over the gun.

It ensures that the gun operates safely, preserves its sensitivity and reliability, does not jam, increases its initial speed, long life, corrosion resistance, and decreases metal fatigue by cleaning and maintaining the gun.

Maintenance and cleaning of the gun is not only dusting the gun in a few places and adding oil.

In compliance with the prescribed principles, the cleaning and maintenance of the gun should be completed on time. Through cleaning and maintaining your gun in a way that it is always ready for action under the safety rules, you will capture the real performance of the gun and realize your expectations.

As it is said, before and after each fired, the gun must be cleaned. It is important to have a cleaning package specially created for this when cleaning weapons. Each weapon has, according to its diameter, a cleaning kit. The cleaning package for one diameter cannot be used to clean another. For each diameter, a distinct cleaning kit is required.

It is included in the sets used in the phases of cleaning and frequent maintenance that prolong the weapons' life.

Typically, the sections presented below are included.

1. Gun cleaning and protective oil
2. Gun cleaning cloth
3. Rod
4. Nylon brush
5. Bronze cleaning brush
6. Cleaning swab
7. Cartridge (chamber) brush
8. Rod wire
9. Rod head
10. Cleaning brushes (steel wire and plastic wire)



# Contents

	<b>Kits</b>	
5	Standard Cleaning and Maintenance Set	17
6	Tactical Cleaning and Maintenance Set	17
7	Premium Cleaning and Maintenance Set	18
8	40 mm Grenade Launcher Cleaning and Maintenance Set	18
9	12,7 mm (.50 Cal) Cleaning and Maintenance Set	
10	HK33 / MP-5 Cleaning and Maintenance Set	
11	MPT Cleaning and Maintenance Set	19
	<b>Gun Cases</b>	
12	Plastic Gun Case	19
	<b>Brushes</b>	
13	Piston Brush	
13	Chamber Brush	20
14	Nylon Bore Brush	
14	Cleaning Swab	
14	Bronze Bore Brush	21
15	40 mm Bore Brush	21
15	40mm Cleaning Swab	
15	40mm Bronze Bore Brush	
16	Nylon Gun Cleaning Brush	
16	Steel Gun Cleaning Brush	
16	Double Sided Gun Cleaning Brush	
16	Double Sided Long Gun Cleaning Brush	
	<b>Rods</b>	
	Straight Rod	
	Rotary Head Rod	
	Oversized Rod	
	Plastic Handle Rod	
	<b>Oils</b>	
	Gun Maintenance and Cleaning Oil	
	<b>Cleaning Patches</b>	
	Cleaning Patch	
	<b>Bore Wire</b>	
	Bore Wire (Steel Rod Wire)	
	<b>Patch Holder Apparatus</b>	
	Brass Patch Holder (Rod Tip)	
	Steel Patch Holder (Rod Tip)	



# STANDARD CLEANING AND MAINTENANCE SET

**CALIBRE OPTIONS : 7,62 MM (.308 CAL) | 5,56 MM (.223 CAL)**



## SET CONTENTS

- Brushes
- Rod Set
- Cleaning Patches
- Gun Maintenance and Cleaning Oil

## BRUSHES

- Bronze Bore Brush
- Chamber Brush
- Double Sided Gun Cleaning Brush

## ROD SET

- Rod Handle
- Rod Stick
- Patch Holding Apparatus



# TACTICAL CLEANING AND MAINTENANCE SET:

**CALIBRE OPTIONS : 7,62 MM (.308 CAL)**

**5,56 MM (.223 CAL) 9 MM**

## SET CONTENT

- Brushes
- Rod Set
- Cleaning Patches
- Steel Bore Wire (Rod Wire)
- Allen Wrench
- Weapon Maintenance and Cleaning Oil

## BRUSHES

- Bronze Bore Brush
- Nylon Bore Brush
- Cleaning Swab
- Chamber Brush
- Piston Brush
- Nylon Gun Cleaning Brush
- Steel Gun Cleaning Brush



## ROD SET

- Rod Handle
- Rod Stick
- Patch Holding Apparatus



# PREMIUM CLEANING AND MAINTENANCE SET

**CALIBRE OPTIONS : 7,62 MM (.308 CAL) | 5,56 MM (.223 CAL) | 9 MM**

For simple transportation, a minimal design has been developed. For cleaning the barrel, there are 3 separate brushes. By removing large particles, the nylon brush roughly cleans the gun. The phosphor-bronze brush separates residual fragments of fuel and bullets from the barrel. For oiling and final brushing, a cleaning swab is used. For general cleaning, steel and nylon multipurpose brushes are added. To stop jams in the barrel, the used rod has a rotary head, high quality steel and anti-corrosive coating. Included in the set are the products needed for the lubrication of the product. In an anti-static polyethylene sponge, barrel brushes are positioned to avoid crushing and improve their service life.



## SET CONTENT

- Brushes
- Rod Set
- Cleaning Patches
- Steel Bore Wire (Rod Wire)
- Weapon Maintenance and Cleaning Oil

## ROD SET

- Rod Handle
- Rod Stick
- Patch Holding Apparatus

## BRUSHES

- Bronze Bore Brush
- Nylon Bore Brush
- Cleaning Swab
- Double Sided Gun Cleaning Brush (Nylon)
- Double Sided Gun Cleaning Brush (Steel)

# 40 MM GRENADE LAUNCHER CLEANING AND MAINTENANCE SET



It was developed for the cleaning of 40 mm firearms and above. After firing high calibre guns, the 40mm brush was specially designed to clean the intense fuel residue. In order to prevent the rod from jamming in the barrel, care was taken to have a rotary head. To clean the gun and safeguard it against corrosion, oil was added to the set.

## BRUSHES

- 40mm Bore Cleaning Brush (Bore Brush)
- 40mm Cleaning Swab
- Nylon Multi-Purpose Gun Brush
- Steel Multi-Purpose Gun Brush

## SET CONTENT

- Brushes
- Rod Set
- Cleaning Patches
- Allen Wrench
- Weapon Maintenance and Cleaning Oil

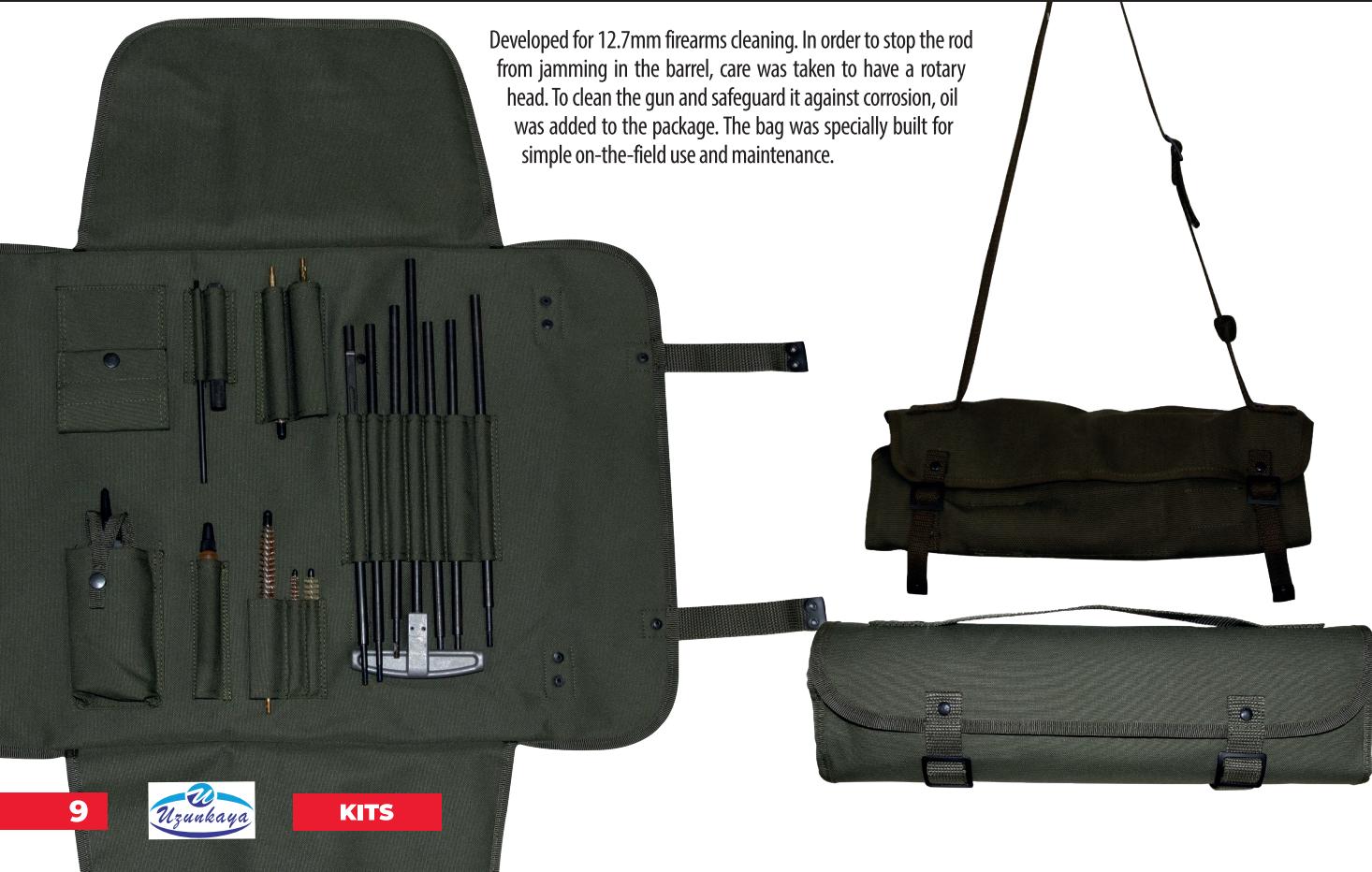
## ROD SET

- Rod Handle
- Rod Stick (With patch holding part)



# 12,7 MM (.50 CAL) CLEANING AND MAINTENANCE SET

Developed for 12.7mm firearms cleaning. In order to stop the rod from jamming in the barrel, care was taken to have a rotary head. To clean the gun and safeguard it against corrosion, oil was added to the package. The bag was specially built for simple on-the-field use and maintenance.





## HK33 / MP-5 CLEANING AND MAINTENANCE SET

It is made for 5.56 mm HK / 33 assault rifles, 9 mm MP-5, MP-5K submachine guns, servicing and cleaning. A cotton-bronze blend barrel cleaning brush and a nylon barrel brush specifically made for these guns are included in the plastic bag. Threads of brushes are passed through a guide through the barrel. The oil within it cleans the traces of fuel in the barrel and protects the gun from corrosion.



# MPT CLEANING AND MAINTENANCE SET

It is intended and produced for MPT-55, MPT-76, (Milli Piyade Tufegi - National Infantry Rifles, 5.56mm and 7.62mm diameters). Each component can be cleaned easily with the thorough brushes in the kit. There is a clip on the back which allows the bag to be attached to a bandoleer and be carried.



## GUN CASE

Designed for gun manufacturers. The protective case designed for the safe protection and storage of the gun is made of ABS plastic. XPE (Cross-linked polyethylene) sponge is used in the bag, which protects against external impacts. In addition, there are brushes required for cleaning and maintenance of the gun.



## PISTON BRUSH

**CALIBRE OPTIONS :** 7,62 MM (.308 CAL) | 5,56 MM (.223 CAL)

It is used to clean residues of gunpowder, gunpowder dust, carbon and metal dirt formed after a gun shot on the piston. In keeping with the piston dimensions, it is constructed in two phases. Bronze wire is used in the front stage and stainless spring steel wire is used in the rear stage to provide optimal cleaning sufficient for the surface.



## CHAMBER BRUSH

**CALIBRE OPTIONS :** 7,62 MM (.308 CAL) | 5,56 MM (.223 CAL)

It is designed to clean all the surfaces of the chamber in two phases. Bronze wire is used in the front stage and stainless spring steel wire is used in the rear stage to provide optimal cleaning sufficient for the surface. It is used to clean the remains of gunpowder, ashes of gunpowder, carbon and metal dirt produced after gunfire. To avoid scratching the interior of the barrel, a plastic cap was attached. At the top, there is a brass screw which is connected to the rod.

# NYLON BORE BRUSH

**CALIBRE OPTIONS : 7,62 MM (.308 CAL)**

**5,56 MM (.223 CAL)**

**9 MM**

**12,7 MM (.50 CAL)**

It is used for gun pre-cleaning. It is ideal for the cleaning of large dust, the barrel's free carbon particles and different soil. Suitable for use of solvent solutions made of copper.



# CLEANING SWAB

**CALIBRE OPTIONS : 7,62MM (.308 CAL)**

**5,56MM (.223 CAL)**

**9MM**

**12,7MM (.50 CAL)**

In its final cleaning, the gun is used. It removes residual debris from the barrel removed by the bronze brush. It is suitable for the barrel to be lubricated and excess oil left in the barrel to be removed.



# BRONZE BORE BRUSH

**CALIBRE OPTIONS : 7,62 MM (.308 CAL)**

**5,56 MM (.223 CAL)**

**9 MM**

**12,7 MM (.50 CAL)**

It is used to clean the remains of gunpowder, ashes of gunpowder, carbon and metal dirt produced after gunfire. Phosphor bronze wire and brass body are used for top quality. To avoid scratching the interior of the barrel, a plastic cap was attached. At the top, there is a brass screw which is connected to the rod.



## 40 MM BORE BRUSH

Extra care and specially crafted products are needed for barrel cleaning of high calibre firearms. The bore brush is specifically designed for barrel cleaning of 40 mm and above weapons. In order to clean the particles deposited in the barrel in the best way, the wires made of horsetail hair and a mixture of phosphor-bronze wire are placed tightly. To adjust to the barrel, care was taken to provide a movable muzzle.



## 40MM CLEANING SWAB

It cleans the remaining debris that the bore brush removes from the barrel. It is suitable for the barrel to be lubricated and excess oil left in the barrel to be removed.



## 40MM BRONZE BORE BRUSH

It is used after shooting to clean gunpowder residues, gunpowder dust, carbon and metal dirt that has accumulated on the piston.



1

## NYLON GUN CLEANING BRUSH

It is made of 0.40 mm diameter heat resistant nylon wire. It is used for general cleaning of the weapon surfaces by attaching to rod handle. There is a fine tip option for hard-to-reach surfaces.



2

## STEEL GUN CLEANING BRUSH

Made of stainless spring steel of 0.11mm diameter. It is used to clean difficult-to-clean forms of carbon dirt formed on different surfaces of the gun by adding it to the rod handle. For hard-to-reach surfaces, there is a fine tip choice.

3

## DOUBLE SIDED GUN CLEANING BRUSH

It is planned to fit into the Tomyris Premium Range, thanks to its small structure. Developed for gun surface cleaning. Two distinct tips being thin and dense, it can be used on different surfaces.

4

## DOUBLE SIDED LONG GUN CLEANING BRUSH

Developed for gun surface cleaning. Thanks to the two distinct tips being thin and dense, it can be used on different surfaces.

## STRAIGHT ROD

The rod consists of six parts: (1 Rod Handle, 5 Rod Stick). By screwing the parts together, rod length can be taken to the desired length. By screwing barrel brushes, multipurpose brushes, and cloth holder components to the rod stick, gun cleaning can be achieved. Used on the rods are Army standard steel and anti-corrosive coating.



## ROTARY HEAD ROD

The Rod Stick rotates in the rifle-set direction thanks to the arrangement of the Rod Handle when advancing within the barrel, thereby avoiding jams in the barrel. Gun cleaning can be accomplished by screwing barrel brushes, multipurpose brushes, cloth holder pieces, thanks to the screw mechanism. On the barrel, Army standard steel and anti-corrosive coating are used.

## OVERSIZED ROD

For jobs requiring high power, such as cleaning grenade launchers or 12.7 mm anti-aircraft weapons, it is fitting. In order to stop the rod from jamming in the barrel, care was taken to have a rotary head.



PVC/Nanotextile case options are available for oversized rods.



## PLASTIC HANDLE ROD

Made of high-quality plastic handle and aluminium. Provides an economical option for low calibre guns.



# GUN MAINTENANCE AND CLEANING OIL

**STORAGE OPTIONS :** 10ML | 30ML

It offers the opportunity at -45 C to clean and safeguard the rifle. It cleans the weapon and protects it from corrosion.



# CLEANING PATCH

**SIZE OPTIONS :** SMALL | LARGE

Rod cloth is made of 100% cotton yarn; it is not pilling, oil absorbing, and dirt retaining. It is used for gun barrel washing, drying and oiling. It is connected and used with a rod stick or rod wire to the fabric holder apparatus.



## BORE WIRE (STEEL ROD WIRE)

**CALIBRE OPTIONS : 7,62 MM (.308 CAL) 5,56 MM (.223 CAL) 9 MM 12,7 MM (.50 CAL)**

It is designed after shooting for quick cleaning of the weapons. Cleaning is accomplished without disassembling the gun by advancing the wire from the chamber to the muzzle. Cleaning the interior of the barrel is achieved by applying a barrel brush or a barrel cleaning cloth to its end. To prevent it from scratching the barrel, a stainless-steel spring and plastic coating are used on the wire. For each calibre, the wire length varies.



## GUN BARREL SNAKE CLEANING CORD

## BRASS PATCH HOLDER (ROD TIP)

CALIBRE OPTIONS : 7,62 MM (.308 CAL) 5,56 MM (.223 CAL) 9 MM 12,7 MM (.50 CAL)

It is used by screwing the rod stick or rod wire to the top.  
By adding the rod tissue, the barrel is washed and oiled.



## STEEL PATCH HOLDER (ROD TIP)

CALIBRE OPTIONS : 7,62 MM (.308 CAL) 5,56 MM (.223 CAL) 9 MM 12,7 MM (.50 CAL)

It is used by screwing the rod stick or rod wire to the top. By adding the rod tissue, the barrel is washed and oiled.





[info@uzunkaya.com.tr](mailto:info@uzunkaya.com.tr)

İstanbul / Türkiye

